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**Efficient and highly similar PCR detection of spores
after just 5 to 30 seconds of electrolysis**

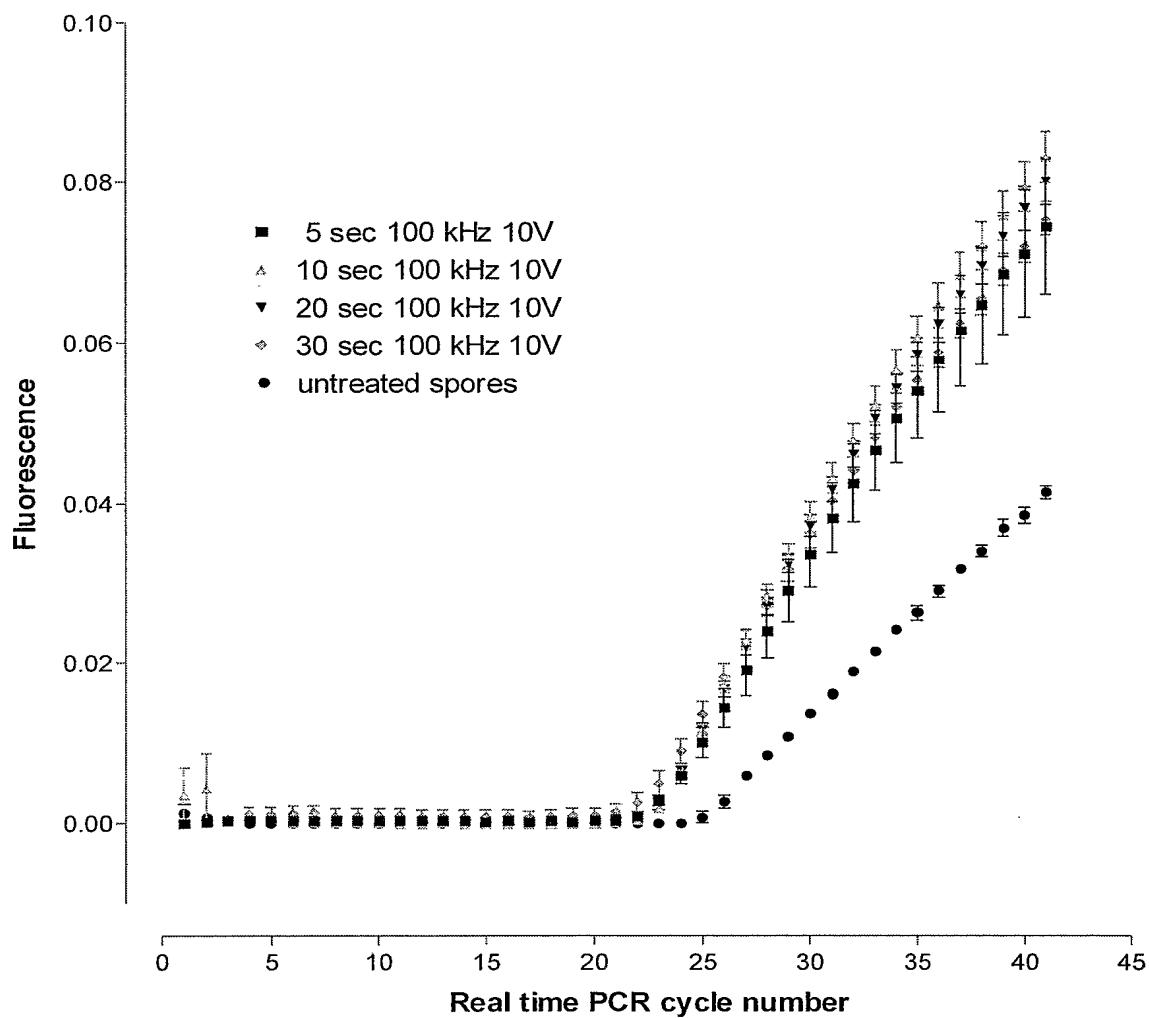


Fig. 1
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Prolonged electrolysis can reduce the PCR detection sensitivity, presumably by producing excess amounts of template DNA.

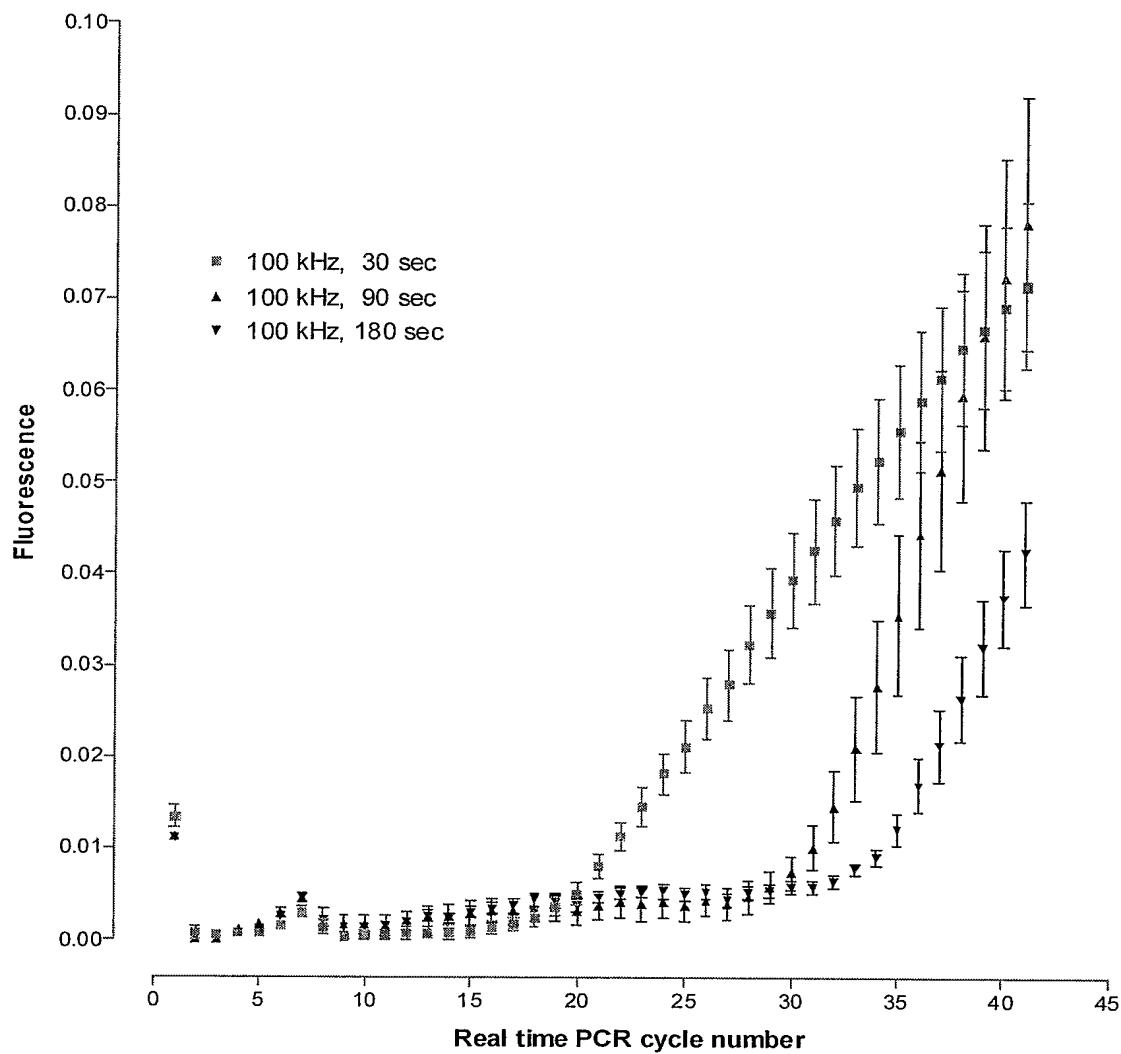


Fig. 2
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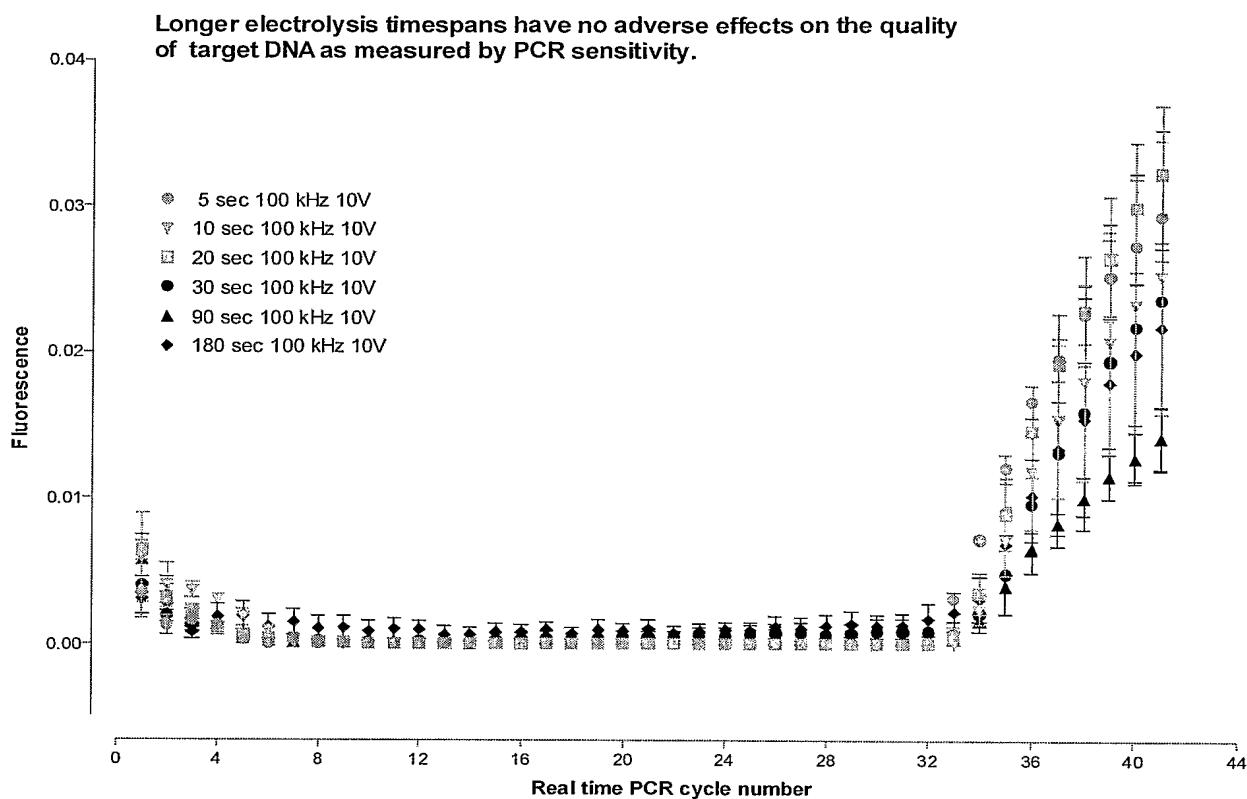


Fig. 3

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Electrolysis of spores using either 10 or 50 kHz does not influence DNA yield, whereas 100 kHz results in a significant effect.

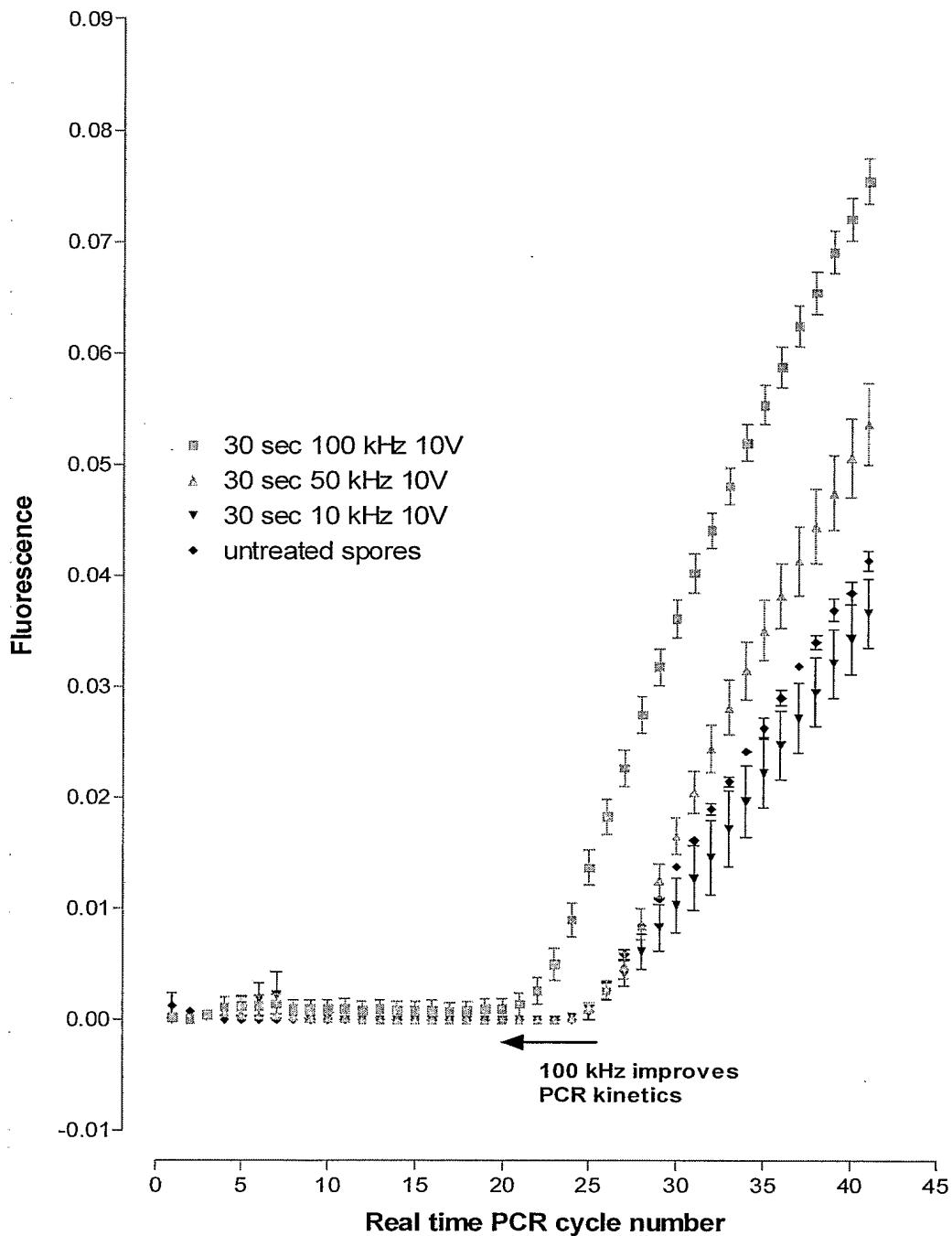


Fig. 4
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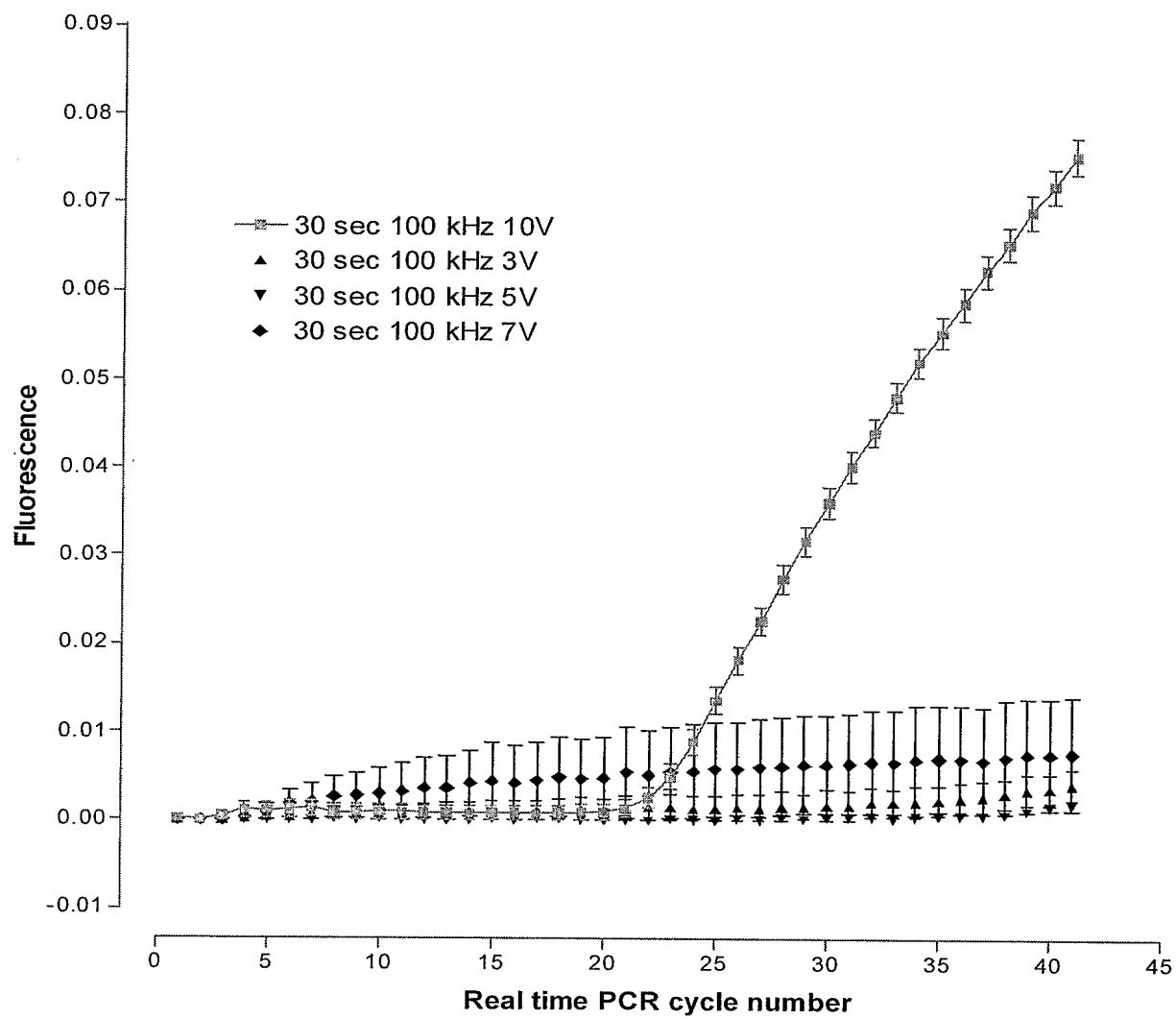
Electrolysis of spores is dependent on interfacial electrode resistance

Fig. 5
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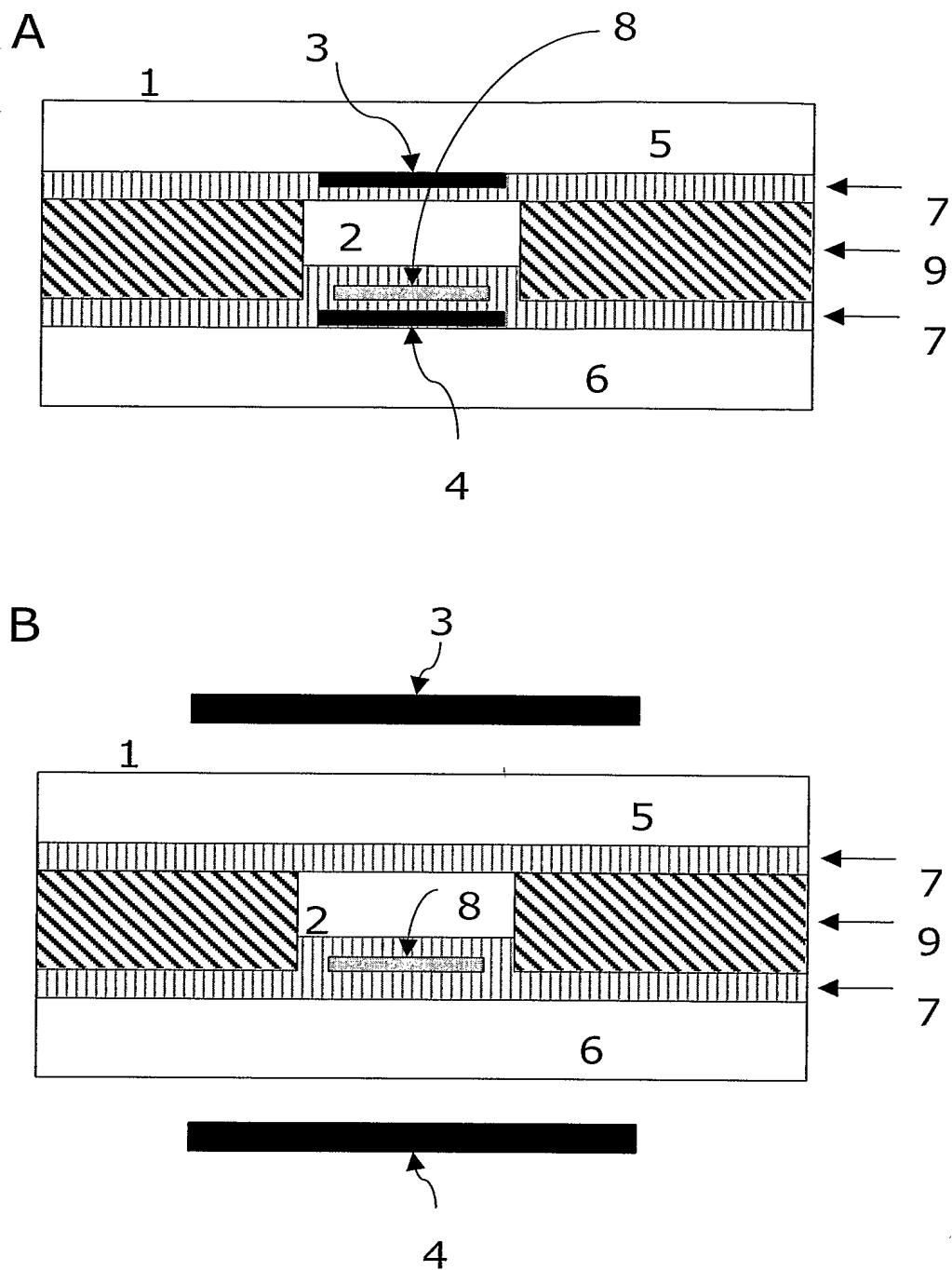
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Fig. 6
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